GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department – Indian Oil Corporation Ltd. (IOCL) – Laying 16" dia 0.250" wall thickness Petroleum Product pipeline and 3.56" dia Optical fibre cable (OFC) across water bodies like tanks/nala/canal/drains as a part of Paradip to Hyderabad pipeline in East Godavari District – Permission Accorded –Orders – Issued.

WATER RESOURCES (REFORMS) DEPARTMENT

G.O.Rt.No.375 Dated: 25.05.2018

Read the following:-

1. From the GM(c), Vizag, Indian Oil Corporation Ltd., Paradip - Hyderabad Pipeline Project Lr.No.PHPL/ VJA/CONST/ Irri/ 206.3/502, dated: 23.10.2017.
2. Govt. Memo. No. 823206/ Reforms/ A2/2017, WRD, dt:27.10.2017.
3. From the Chief Engineer, Godavari Delta System, Dowlaiswaram, East Godavari District Lr.No.CE/GDS/DWM/OT/AEE6/F.2018.IOCL/ 19 Govt, dt: 24.01.2018.
4. From the Superintendent Engineer, Irrigation Circle, Dowlaiswaram Lr. No. SE/IC/DOW/OT/AE2/F.165/129^{CE1} , Dated: 12.7.2017 addressed to the ENC(I), WRD, Vijayawada.

O R D E R

In the reference 1st read above, the General Manager(c), Vizag, Indian Oil Corporation Limited(IOCL), Paradip - Hyderabad Pipeline Project, Vijayawada has requested the Government to expedite the process of according permission for laying pipeline across the water bodies in the State of Andhra Pradesh. While forwarding the same to the concerned Engineers-in-Chief / Chief Engineers, they were directed to expedite necessary permissions as sought for by the Indian Oil Corporation Ltd.(IOCL) as per conditions stipulated in this regard and report compliance to the Government vide Govt. Memo.2nd read above.

2. In the reference 3rd read above, the Chief Engineer, Godavari Delta System, Dowlaiswaram, East Godavari District has furnished the locations of crossings (90 Nos.) along with the Land lease amount and security amount to be deposited by the IOCL for each crossing for granting permission for laying of 16" dia 0.250" wall thickness Petroleum Product pipeline and 3.56" dia Optical fibre cable (OFC) across water bodies like tanks/nala/canal/drains as a part of Paradip to Hyderabad pipeline in East Godavari District as detailed below.

S.No	Name of the Division	No. of Crossings	Land Lease Amount(in Rs)	Security Deposit(in Rs)
1	G.H.Division, Dowlaiswaram	1	38,36,375	10,00,000
2	G.C.Division, Amalapuram	20	11,78,650	3,42,500
3	Y.I.Division, Peddapuram	69	23,42,621	13,75,000
	Total	90	73,57,646	27,17,500

(PTO)

2 (a) The locations of crossings:

Table-1

INDIAN OIL CORPORATION LIMITED

LIST OF WATER BODIES CROSSING IN YI-PITHAPURAM SUBDIVISION

S.No.	CS No.	Name of Crossing	Lattitude	Longitude	Survey No.	Villge	Mandal	Length (M)	WIDTH (M)	RoU (M)	Area (Acres)	Land Value per Acre	Compensation 10% per annum for five years 50%	Refundable Security Deposit	Crossing Methodology	Pipe Depth Below Bed Level	Drawing No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	1	Canal	Mutha Channel	17°20'21.40"N	82°33'34.57"E	356	Kavalapadu	Tuni	17	18	0.076	₹ 800,000.00	₹ 30,400.00	₹ 20,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00
2	2	Canal	Mutha Channel	17°20'19.54"N	82°33'27.91"E	35	Kavalapadu	Tuni	8	18	0.036	₹ 800,000.00	₹ 14,400.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
3	3	Canal	Mutha Channel	17°20'13.45"N	82°33'22.67"E	58	Kavalapadu	Tuni	19	18	0.085	₹ 800,000.00	₹ 34,000.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
4	5	Canal	Mutha Channel	17°19'59.65"N	82°33'10.48"E	73	Kavalapadu	Tuni	9	18	0.04	₹ 800,000.00	₹ 16,000.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
5	7	Canal	Mutha Channel	17°19'58.61"N	82°33'8"E	74	Kavalapadu	Tuni	17	18	0.076	₹ 800,000.00	₹ 30,400.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
6	10	Canal	Tirapathaiya Cheruvu	17°19'55.93"N	82°33'2.23"E	32	Kavalapadu	Tuni	19.287	18	0.086	₹ 800,000.00	₹ 34,400.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
7	11	Canal	Mutha channel tributery	17°19'53.15"N	82°32'58.62"E	27/1	Kavalapadu	Tuni	6	18	0.027	₹ 800,000.00	₹ 10,800.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
8	14	Canal	Mutha channel tributery	17°19'47.73"N	82°32'51.6"E	26/2	Kavalapadu	Tuni	8	18	0.036	₹ 800,000.00	₹ 14,400.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
9	14A	Canal	Gokimani Cheruvu	17°19'45.35"N	82°32'44.77"E	20	Kavalapadu	Tuni	8	18	0.036	₹ 800,000.00	₹ 14,400.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
10	16	Canal	Kadmi cheruvu	17°19'39.83"N	82°32'27.68"E	33/1	Palteru	Payakaraopeta	8	18	0.036	₹ 450,000.00	₹ 8,100.00	₹ 11,250.00	OPEN CUT - NT	1.5 M	STD-462
11	16A	Canal	Kadmi cheruvu	17°19'34.82"N	82°32'16.71"E	3	Palteru	Payakaraopeta	7	18	0.031	₹ 450,000.00	₹ 6,975.00	₹ 11,250.00	OPEN CUT-NT	1.5 M	STD-462
12	16B	Canal	Kadmi cheruvu	17°19'34.65"N	82°32'16.28"E	3	Palteru	Payakaraopeta	7	18	0.031	₹ 450,000.00	₹ 6,975.00	₹ 11,250.00	OPEN CUT-NT	1.5 M	STD-462
13	19	Pond	Kadmi cheruvu	17°19'33.07"N	82°32'12.39"E	5	Palteru	Payakaraopeta	18	18	0.08	₹ 450,000.00	₹ 18,000.00	₹ 11,250.00	SUBMERGED CROSSING	2.5 M	STD-321-00
14	20	Canal	Jogiraju Tank	17°19'20.68"N	82°31'44.39"E	98/1	Valluru	Tuni	7	18	0.031	₹ 500,000.00	₹ 7,750.00	₹ 12,500.00	OPEN CUT - NT	1.5 M	STD-462
15	20A	Pond	Jogiraju Tank	17°19'18.59"N	82°31'36.94"E	12	Valluru	Tuni	32.18	18	0.143	₹ 500,000.00	₹ 35,750.00	₹ 12,500.00	OPEN CUT - NT	1.5 M	STD-462
16	25A	Pond	Pond	17°19'12.03"N	82°31'2.24"E	202	Chamvaram	Tuni	74	18	0.329	₹ 500,000.00	₹ 82,250.00	₹ 12,500.00	HDD	5.0 M	STD-759-00
17	40A	Canal	Pond s.no 29 Hamsavaram	17°16'59.24"N	82°29'29.34"E	81	Hamsavaram	Tuni	20	18	0.089	₹ 600,000.00	₹ 26,700.00	₹ 15,000.00	OPEN CUT-NT	1.5 M	STD-462
18	50	Canal	Ganganna Cheruvu	17°16'54.02"N	82°27'49.07"E	1019/1B	Tetagunta	Tuni	17	18	0.076	₹ 800,000.00	₹ 30,400.00	₹ 20,000.00	OPEN CUT - NT	1.5 M	STD-462
19	52	Canal	Ganganna Cheruvu	17°16'47.23"N	82°27'27.89"E	993	Tetagunta	Tuni	20	18	0.089	₹ 800,000.00	₹ 35,600.00	₹ 20,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00
20	54	Canal	Pumpa Surplus channel	17°16'34.77"N	82°26'57.26"E	1125	Tetagunta	Tuni	80	18	0.356	₹ 800,000.00	₹ 142,400.00	₹ 20,000.00	HDD	5.0 M	STD-759-00
21	59	Canal	Mutha Channel	17°16'16.8"N	82°26'10.92"E	129	A Kottapalli	Tondangi	20	18	0.089	₹ 600,000.00	₹ 26,700.00	₹ 15,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00
22	60	Canal	Mutha Channel	17°16'11.53"N	82°26'2.02"E	109	A Kottapalli	Tondangi	24	18	0.107	₹ 600,000.00	₹ 32,100.00	₹ 15,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00
23	61	Canal	Mutha Channel	17°16'11.1"N	82°25'58.59"E	73	A Kottapalli	Tondangi	32	18	0.142	₹ 600,000.00	₹ 42,600.00	₹ 15,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00
24	62	Canal	Mutha Channel	17°16'10.75"N	82°25'55.76"E	68	A Kottapalli	Tondangi	25	18	0.111	₹ 600,000.00	₹ 33,300.00	₹ 15,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00
25	64	Canal	Tirapathaiya Cheruvu	17°15'51.15"N	82°25'27.87"E	11/1A	A Kottapalli	Tondangi	20	18	0.089	₹ 600,000.00	₹ 26,700.00	₹ 15,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00
26	87A	Nala	Mutha channel tributery	17°11'45.89"N	82°21'28.20"E	467	Mallavaram	Gollaprolu	27	18	0.12	₹ 900,000.00	₹ 54,000.00	₹ 22,500.00	SUBMERGED CROSSING	2.5 M	STD-321-00

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27	92A	Nala	Mutha channel tributery	17°11'25.32 "N	82°20' 26.71" E	340/1	Chebrolu	Gollaprolu	39	18	0.173	₹ 1,050,000.00	₹ 90,825.00	₹ 26,250.00	SUBMERGED CROSSING	2.5 M	STD-321-00
28	102B	Nala	Sy 531 pond	17°11'11.97 "N	82°18' 40.76" E	515	Chebrolu	Gollaprolu	3	18	0.013	₹ 1,050,000.00	₹ 6,825.00	₹ 26,250.00	SUBMERGED CROSSING	2.5 M	STD-321-00
29	102C	Nala	Sy 531 pond	17°11'12.64 "N	82°18' 39.02" E	515	Chebrolu	Gollaprolu	3	18	0.013	₹ 1,050,000.00	₹ 6,825.00	₹ 26,250.00	SUBMERGED CROSSING	2.5 M	STD-321-00
30	109A	Nala	Sy no. 531 chebrolu	17°11'16.00 "N	82°17' 52.25" E	589	Chebrolu	Gollaprolu	32	18	0.142	₹ 1,050,000.00	₹ 74,550.00	₹ 26,250.00	SUBMERGED CROSSING	2.5 M	STD-321-00
31	110A	Nala	Sy no. 531 chebrolu	17°11'23.10 "N	82°17' 30.76" E	43/1	Chendurti	Gollaprolu	35	18	0.156	₹ 900,000.00	₹ 70,200.00	₹ 22,500.00	SUBMERGED CROSSING	2.5 M	STD-321-00
32	111A	Nala	Sy no. 822 ava cheruvu	17°11'46.36 "N	82°16' 51.16" E	549	Chendurti	Gollaprolu	14	18	0.062	₹ 1,000,000.00	₹ 31,000.00	₹ 25,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00
33	114A	Nala	Perraju cheruvu	17°11'51.01 "N	82°16' 17.81" E	225	Chendurti	Gollaprolu	13	18	0.058	₹ 1,000,000.00	₹ 29,000.00	₹ 25,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00
34	120A	Nala	Perraju cheruvu	17°12'1.65" N	82°15' 47.74" E	448	Tatiparti	Gollaprolu	21	18	0.093	₹ 950,000.00	₹ 44,175.00	₹ 23,750.00	SUBMERGED CROSSING	2.5 M	STD-321-00
35	Pond	Pond	Kunta Pond	17°12'3.48" N	82°15' 28.35" E	33/7	Chinna Jaggampeta	Gollaprolu	15.79	18	0.07	₹ 800,000.00	₹ 28,000.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
36	Pond	Pond	Two times crossing pond	17°12'12.94 "N	82°14' 56.58" E	1	Chinna Jaggampeta	Gollaprolu	109.87	18	0.489	₹ 800,000.00	₹ 195,600.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
						Totals			**3.72**		**--**	**₹ 1,392,500.00**	**₹ 676,250.00**				
						Sum of Refundable security deposit & Compensation charges amount					**₹**		**2,068,750.00**				

Table-2

INDIAN OIL CORPORATION LIMITED

LIST OF WATER BODIES CROSSING IN YI-YELESWARAM SUBDIVISION

S.No.	CS No.	Crossing type	Source	Lattitude	Longitude	Survey No.	Villge	Mandal	Crossing Width(M)	RoU (M)	Area (Acres)	Land Value per Acre	Compensation 10% per annum for five years 50%	Refundable Security Deposit	Crossing Methodology	Pipe Depth Below Bed Level	Drawing No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	186A	Canal	Kotha Ceruvu (Bhadrapuram) kaluva	17°15'12.84 "N	82° 9'21.95 "E	89/2-73/3 (89/1)	Siripuram	Eleswaram	4	18	0.018	₹ 800,000.00	₹ 7,200.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
2	191B	Canal	Feeder channel to Ura cheruvu	17°15'14.69 "N	82° 8'57.33 "E	38/2-37/5 (38/1)	Siripuram	Eleswaram	6.6	18	0.029	₹ 800,000.00	₹ 11,600.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
3	192A	Canal	Thimmaraju tank Distributor	17°15'11.54 "N	82° 8'48.07 "E	163-166	Siripuram	Eleswaram	2.95	18	0.013	₹ 800,000.00	₹ 5,200.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
4	192B	Canal	Thimmaraju tank Distributor	17°15'8.05" N	82° 8'43.10 "E	188-187	Siripuram	Eleswaram	3.2	18	0.014	₹ 800,000.00	₹ 5,600.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
5	192D	Canal	Nala(Thimmaraju tank Distributor)	17°15'7.83" N	82° 8'42.78 "E	188	Siripuram	Eleswaram	2.5	18	0.011115	₹ 800,000.00	₹ 4,446.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
6	194	Canal	Thimmaraju tank Distributor	17°15'7.88" N	82°8'4 2.81"E	188-187	Siripuram	Eleswaram	11	18	0.049	₹ 800,000.00	₹ 19,600.00	₹ 20,000.00	OPEN CUT-NT	1.5 M	STD-462
7	196A	Canal	Siripuram main canal	17°14'51.22 "N	82° 8'17.91 "E	221/3-199/2 (221/4)	Siripuram	Eleswaram	4.3	18	0.019	₹ 800,000.00	₹ 7,600.00	₹ 20,000.00	OPEN CUT - NT	1.5 M	STD-462
8	203	Canal	Distribution channel from Nalla thammaya tank	17°14'41.17 "N	82°7'5 6.57"E	106/2-102/2 (106/1)	Erravaram	Eleswaram	30	18	0.133	₹ 1,300,000.00	₹ 86,450.00	₹ 32,500.00	SUBMERGED CROSSING	2.5 M	STD-321-00
9	205	Canal	Surplus course of Nalla thammaya tank	17°14'33.62 "N	82°7'4 3.07"E	54-57/1 (57/3)	Erravaram	Eleswaram	10	18	0.044	₹ 1,300,000.00	₹ 28,600.00	₹ 32,500.00	OPEN CUT - NT	1.5 M	STD-462
10	206A	Canal	Surplus course of Nalla thammaya tank	17°14'26.60 "N	82° 7'31.02 "E	46/5-44	Erravaram	Eleswaram	3.65	18	0.016	₹ 1,300,000.00	₹ 10,400.00	₹ 32,500.00	OPEN CUT - NT	1.5 M	STD-462
11	209	Canal	Distribution channel from Veerayya cheruvu	17°14'17.16 "N	82°7'1 5.76"E	199-200/3	Erravaram	Eleswaram	29	18	0.129	₹ 1,300,000.00	₹ 83,850.00	₹ 32,500.00	OPEN CUT - NT	1.5 M	STD-462
12	209A	Panta kaluva	Perayya tank Distributor-1	17°14'15.61 "N	82° 6'56.13 "E	261/2-255/2 (255/1)	Erravaram	Eleswaram	11.29	18	0.05	₹ 1,300,000.00	₹ 32,500.00	₹ 32,500.00	OPEN CUT - NT	1.5 M	STD-462
13	209B	Panta kaluva	Perayya tank Distributor-2	17°14'15.70 "N	82° 6'53.71 "E	255/2-254/2 (254/1)	Erravaram	Eleswaram	11.29	18	0.05	₹ 1,300,000.00	₹ 32,500.00	₹ 32,500.00	OPEN CUT - NT	1.5 M	STD-462
14	SYN-92	POND	Chinnamvari Tank	17°15'6.48" N	82° 9'37.47 "E	92	Siripuram	Eleswaram	40.51	18	0.18	₹ 800,000.00	₹ 72,000.00	₹ 20,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00

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15	CS162	Canal	Nala(Timmaraju cheruvu)	17°14'30.06"N	82°12'13.42"E	76	Rachapalli	Prathipadu	11.6271	18	0.052	₹ 600,000.00	₹ 15,600.00	₹ 15,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00
16	CS164	Canal	Nala(Timmaraju cheruvu)	17°14'34.24"N	82°11'44.21"E	242-191 (192)	Prattipadu	Prattipadu	17.749	18	0.079	₹ 800,000.00	₹ 31,600.00	₹ 20,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00
17	CS176	Canal	Nala(Venkatapati Raju Cheruvu Kaluva)	17°14'54.58"N	82°10'23.37"E	45-35	Prattipadu	Prattipadu	13.8963	18	0.062	₹ 800,000.00	₹ 24,800.00	₹ 20,000.00	SUBMERGED CROSSING	2.5 M	STD-321-00
18	CS180	Canal	Nala(Venkatapati Raju Cheruvu Kaluva)	17°14'56.96"N	82°10'7.45"E	32-31	Prattipadu	Prattipadu	7.7755	18	0.035	₹ 800,000.00	₹ 14,000.00	₹ 20,000.00	OPEN CUT - NT	1.5 M	STD-462
19	CS180A	Canal	Nala(Venkatapati Raju Cheruvu Kaluva)	17°14'56.86"N	82°10'6.44"E	31-30	Prattipadu	Prattipadu	9.19	18	0.041	₹ 800,000.00	₹ 16,400.00	₹ 20,000.00	OPEN CUT - NT	1.5 M	STD-462
						Totals					**1.02**	--	₹ 509,946.00	₹4,50,000.00			
						Sum of Refundable security deposit & Compensation charges amount							**₹ 959,946.00**				

Table-3

INDIAN OIL CORPORATION LIMITED

LIST OF WATER BODIES CROSSING IN YI-JAGGAMPETA SUBDIVISION

S.No.	CS No.	Crossing type	Name of Crossing	Lattitude	Longitude	Survey No.	Villge	Mandal	Crossing Width(M)	RoU (M)	Area (Acres)	Land Value per Acre	Compensation 10% per annum for five years 50%	Refundable Security Deposit	Crossing Methodology	Pipe Depth Below Bed Level	Drawing No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	222	Canal	Somavaram LI scheme canal	17°14'0.54"N	82°6'16.95"E	30/3-26/2	Somavaram	Kirlampudi	12.00	18.00	0.053	₹ 900,000.00	₹ 23,850.00	₹ 22,500.00	SUBMERGED CROSSING	2.5 M	STD-321-00
2	224	Canal	Somavaram LI scheme canal	17°13'58.83"N	82°6'4.35"E	27/1-27/2	Somavaram	Kirlampudi	5.00	18.00	0.022	₹ 900,000.00	₹ 9,900.00	₹ 22,500.00	OPEN CUT - NT	1.5 M	STD-462
3	224A	Canal	Somavaram LI scheme canal	17°13'58.73"N	82° 5'54.09"E	21/3-200/1 (21/1)	Somavaram	Kirlampudi	3.00	18.00	0.013	₹ 900,000.00	₹ 5,850.00	₹ 22,500.00	OPEN CUT - NT	1.5 M	STD-462
4	227	Canal	Supply Channel	17°13'51.19"N	82°4'55.94"E	85/1-84/4 (81)	Gollalagunta	Jaggampeta	11.00	18.00	0.049	₹ 900,000.00	₹ 22,050.00	₹ 22,500.00	OPEN CUT - NT	1.5 M	STD-462
5	230	Canal	Sluice supply channel	17°13'48.47"N	82°3'54.7"E	25-148	Gollalagunta	Jaggampeta	14.00	18.00	0.062	₹ 900,000.00	₹ 27,900.00	₹ 22,500.00	OPEN CUT - NT	1.5 M	STD-462
6	232	Canal	Surplus Course channel	17°13'46.48"N	82°3'37.74"E	19/1-17 (18)	Gollalagunta	Jaggampeta	90.00	18.00	0.4	₹ 900,000.00	₹ 180,000.00	₹ 22,500.00	HDD	5.0 M	STD-759-00
7	239A	Canal	Surplus Course channel	17°13'35.40"N	82°1'47.92"E	174-183 (175)	Manyamvaripalem	Jaggampeta	25.31	18.00	0.113	₹ 650,000.00	₹ 36,725.00	₹ 16,250.00	SUBMERGED CROSSING	2.5 M	STD-321-00
8	SYN-315	Pond	Agadtala cheruvu	17°13'25.09"N	82° 1'15.63"E	315	Rajapudi	Jaggampeta	27.66	18.00	0.123	₹ 650,000.00	₹ 39,975.00	₹ 16,250.00	SUBMERGED	2.5 M	STD-321-00
9	242	Canal	Somalingam cheruvu distributary	17°13'26.03"N	82° 0'48.27"E	292/2-287/6 (287/7)	Rajapudi	Jaggampeta	13.00	18.00	0.058	₹ 650,000.00	₹ 18,850.00	₹ 16,250.00	OPEN CUT - NT	1.5 M	STD-462
10	244A	Canal	Venkateswarula cheruvu Feeder	17°13'29.65"N	82° 0'17.68"E	170/3-171 (170/3)	Rajapudi	Jaggampeta	6.87	18.00	0.031	₹ 650,000.00	₹ 10,075.00	₹ 16,250.00	OPEN CUT - NT	1.5 M	STD-462
11	248	Canal	Venkateswarula cheruvu distributary	17°13'33.08"N	82° 0'4.39"E	169-189/11 (186)	Rajapudi	Jaggampeta	18.00	18.00	0.08	₹ 650,000.00	₹ 26,000.00	₹ 16,250.00	SUBMERGED CROSSING	2.5 M	STD-321-00
12	256	Canal	Feeder Channel to Pulivani Ceruvu	17°13'22.75"N	81°58'29.16"E	332/9-187 (186)	Mallisala	Jaggampeta	16.00	18.00	0.071	₹ 650,000.00	₹ 23,075.00	₹ 16,250.00	OPEN CUT - NT	1.5 M	STD-462
13	264	Canal	Supply Channel Bodhu (Jagannayakula tank)	17°13'34.56"N	81°57'7.58"E	134/1-135	Mallisala	Jaggampeta	11.00	18.00	0.049	₹ 650,000.00	₹ 15,925.00	₹ 16,250.00	OPEN CUT - NT	1.5 M	STD-462
14	CS216	River	Eleru River	17°14'12.04"N	82°6'41.51"E	246/1-10/2 (247)	Erravaram	Eleswaram	112	18	0.498	₹ 1,300,000.00	₹ 323,700.00	₹ 32,500.00	HDD	8.0 M	PVHPL-174-00
						Totals					**1.124**	--	**₹ 440,175.00**	**₹ 248,750.00**			
						Sum of Refundable security deposit & Compensation charges amount							**₹ 688,925.00**				

(Continued…5)

Table-4

INDIAN OIL CORPORATION LIMITED

LIST OF WATER BODIES CROSSING IN IRRIGATION SUB DIVISION RAJAHMUNDRY

S.No.	CS No.	Name of Crossing	Lattitude	Longitude	Survey No.	Villge	Mandal	Length (M)	WIDTH (M)	RoU (M)	Area (Acres)	Land Value per Acre	Compensation 10% per annum for five years 50%	Refundable Security Deposit	Crossing Methodology	Pipe Depth Below Bed Level	Drawing No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	CS266	Jagganyakula Cheruvu Sluice Canal	17°13'35.1"	81°56'43.16"	440	Tirumalayyapalem	Gokavaram	0.010Km	3.3535	18	0.015	₹ 650,000.00	₹ 4,875.00	₹ 16,250.00	OPEN CUT - NT	1.5 M	STD-462
2	CS311	Surplus from Raju Tank	17°11'55.26"	81°49'12.04"	316	Korukonda	Korukonda	2.020Km	4.7	18	0.021	₹ 650,000.00	₹ 6,825.00	₹ 16,250.00	OPEN CUT - NT	1.5 M	STD-462
3	CS313	NALA from Devudu Cheruvu	17°11'53.1"	81°48'56.72"	25/1	Achutapuram	Gokavaram	0.6420Km	8	18	0.036	₹ 650,000.00	₹ 11,700.00	₹ 16,250.00	Open Cut -HW	1.5 M	STD-462
4	CS316	Krishnamachari surplus channel	17°11'50.9"	81°48'41.07"	45	Srirangapatam	Korukonda	2.800Km	7	18	0.031	₹ 650,000.00	₹ 10,075.00	₹ 16,250.00	OPEN CUT - NT	1.5 M	STD-462
5	CS319	Burada kaluva (Raju supply channel)	17°11'41.15"	81°48'25.94"	35	Srirangapatam	Korukonda	24.560Km	10	18	0.044	₹ 650,000.00	₹ 14,300.00	₹ 16,250.00	SUBMERGED CROSSING	2.5 M	STD-321-00
6	CS320	Dandupunta channel	17°11'38.6"	81°48'20.02"	25	Srirangapatam	Korukonda	0.500Km	4	18	0.018	₹ 650,000.00	₹ 5,850.00	₹ 16,250.00	OPEN CUT - NT	1.5 M	STD-462
7	CS324	Tamudu supply channel	17°11'34.17"	81°48'7.41"	14	Srirangapatam	Korukonda	0.850Km	6	18	0.027	₹ 650,000.00	₹ 8,775.00	₹ 16,250.00	OPEN CUT - NT	1.5 M	STD-462
8	CS325	Munagala Bodhi channel	17°11'33.78"	81°47'57.84"	118	Raghavapuram	Korukonda	0.450Km	7	18	0.031	₹ 650,000.00	₹ 10,075.00	₹ 16,250.00	OPEN CUT - NT	1.5 M	STD-462
9	CS326	Dhabbala kaluva	17°11'34.27"	81°47'44.21"	318	Raghavapuram	Korukonda	1.565Km	10	18	0.044	₹ 650,000.00	₹ 14,300.00	₹ 16,250.00	SUBMERGED CROSSING	2.5 M	STD-321-00
10	CS337	Left canal	17°10'43.49"	81°45'15.14"	227/2	Nallagonda	Sitanagaram	11Km	5	18	0.022	₹ 750,000.00	₹ 8,250.00	₹ 18,750.00	OPEN CUT - NT	1.5 M	STD-462
11	CS338	Gopu Kalva drain	17°10'55.36"	81°44'28.04"	441	Raghudevapuram	Sitanagaram	1Km	8	18	0.036	₹ 750,000.00	₹ 13,500.00	₹ 18,750.00	OPEN CUT - NT	1.5 M	STD-462
12	CS340	Drain	17°11'4.33"	81°43'50.69"	431/2	Raghudevapuram	Sitanagaram	3Km	6	18	0.027	₹ 750,000.00	₹ 10,125.00	₹ 18,750.00	Open Cut -HW	1.5 M	STD-462
13	CS342	Drain	17°11'4.74"	81°43'50.15"	402/1C	Raghudevapuram	Sitanagaram	3Km	5	18	0.022	₹ 750,000.00	₹ 8,250.00	₹ 18,750.00	Open Cut -HW	1.5 M	STD-462
14	CS345	Major Drain-2	17°11'15.84"	81°43'9.83"	313/2	Raghudevapuram	Sitanagaram	5Km	11	18	0.049	₹ 750,000.00	₹ 18,375.00	₹ 18,750.00	OPEN CUT - NT	1.5 M	STD-462
15	CS349	Chintala Cheruvu	17°11'24.37"	81°42'33.02"	595	Chinna Kondepudi	Sitanagaram	---	140	18	0.623	₹ 750,000.00	₹ 233,625.00	₹ 18,750.00	Open Cut -HW	1.5 M	STD-462
16	CS355A	Right Canal	17°11'18.89"	81°40'43.87"	134/3	Singavaram	Sitanagaram	5.65Km	10	18	0.044	₹ 750,000.00	₹ 16,500.00	₹ 18,750.00	SUBMERGED CROSSING	2.5 M	STD-321-00
17	SYN-24	Pulivari Tank	-		24	Gummaladoddi	Gokavaram		250.05	18	1.112	₹ 650,000.00	₹ 361,400.00	₹ 16,250.00	HDD	5.0 M	STD-759-00
18	SYN-440	Jaganayakala Tank	-		440	Tirumalayyapalem	Gokavaram		90	18	0.4	₹ 650,000.00	₹ 130,000.00	₹ 16,250.00	HDD	5.0 M	STD-759-00
19	326A	Patruni Tank Supply channel	17°11'33.49"	81°47'36.63"	322	Raghavapuram	Korukonda	1.500Km	12	18	0.053	₹ 650,000.00	₹ 17,225.00	₹ 16,250.00	OPEN CUT - NT	1.5 M	STD-462
20	SYN-354	Patruni Tank	17°11'25.19"	81°47'13.62"	354	Koti	Korukonda	NA	190	18	0.845	₹ 650,000.00	₹ 274,625.00	₹ 16,250.00	OPEN CUT - NT	1.5 M	STD-462
						Totals					3.5	--	**₹ 1,178,650.00**	**₹ 342,500.00**			
						Sum of Refundable security deposit & Compensation charges amount							**₹ 1,521,150.00**				

(PTO)

Table-5

IOCL

LIST OF WATER BODY CROSSINGS IN GH DIVISION

S.No	CS No.	Crossing type	Source	Chainage of the River	Latitude	Longitude	Survey no	Village	Mandal	Crossing Width (mts)	ROU (mts)	Area (Acres)	Land Value per Acre	Compensation 10% per annum for five years 50%	Refundable Security Deposit	Crossing Methodology	Pipe Depth Below Bed Level	Drawing No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	CS359A	River	Godavari River	@ 29.800 to 30.000	17°10'49.75"N	82°39'48.08"E	866	Gutala	Polavaram	2100	18	9.341	₹ 500,000.00	₹ 2,335,250.00	Rs.1,000,000.00	HDD	15 M	PVHPL-177-00
2	CS359A	River	Godavari River	"@Km 32.500 to 32.600	17°10'49.75"N	82°39'48.08"E	38	Singavaram	Seethanagaram	900	18	4.003	₹ 750,000.00	₹ 1,501,125.00				
							Totals					**13,344**	--	₹ 3,836,375.00	Rs.1,000,000.00			
							Sum of Refundable security deposit & Compensation charges amount							**₹ 4,836,375.00**				

3. In the reference 4th read above, the Superintending Engineer, Irrigation Circle, Dowlaiswaram in his letter addressed to the Engineer-in-Chief (Irrigation) has submitted the following conditions to be implemented for laying Pipeline.

Conditions:

1) The present cost of land for the area which is to be utilized for laying of pipeline is arrived @ 10% of the land value per annum period as lease amount may be collected from the agency M/s IOCL, PHPL Project Office, Vijayawada and deposited in favour of Assistant pay & Accounts Officers/ Works & Projects Kakinada and Dowlaiswaram. Thereafter, the annual lease amount to be collected are to be reviewed and revised according to market value.

2) The security deposit towards restoration of canal section to its original standards may be collected from the applicant agency i.e., from M/s IOCL, PHPL Project Office, Vijayawada and deposited in favors of Assistant Pay & Accounts Officers / Works & projects Kakinada and Dowlaiswaram.

3)The pipe line shall not be taken beneath any CM & CD structures of the Water Resources Department and it shall be taken at least 25 Mts Distance from any structure.

4) The top level of the pipe line proposed should be at least 5.00 M below the canal bed level for major canals & 2.5 M below for minor canals.

5) The pipe line laying should be done preferably for major canal having bed width more than 5 meters by horizontal Digging and Drilling (HDD) method without disturbing the existing embankments.

6) The laying of pipe line should be carried out during closure period of canals i.e., during summer season.

7) During laying of the pipes, if the canal prism or banks are disturbed, the firm (i.e., M/S IOCL, PHPL Project office, Vijayawada) is liable for restoration of canals to its original standards with their own cost and as directed by the Engineer –in –Charge of the Department.

8) If any damage is caused to crop or habitations in the vicinity, the sole responsibility shall lie with the applicant firm and adequate responsibility shall lie with the applicant firm and dequate compensation should be paid by the firm (i.e., M/s IOCL ,PHPL Project office, Vijayawada) to the Farmers or people affected with the damage.

(Continued…p.7)

9) After laying the pipeline the canal should be restored to its original standards and No Objection Certificate (NOC) may be obtained from the concerned officials of Water Resource Department to get release of the security deposit.

10) Safety of the pipe line laid is the sole responsibility of the Firm (i.e., M/s IOCL , PHPL Project Office, Vijayawada)

11) The work of pipe lines crossing for major canals or drains shall got inspected by the Department Officials.

12) The Hydraulic standards of River Godavari should be maintained

13) No obstruction should be caused to the free flow of River Godavari water under any circumstances.

14) The Water Resources Department has got ownereous right over the canals, to take up improvement works/modernization works at any moment of time on canals / drains to improve the system, by the way of modifying these sectional prisms. The applicant agency shall take care of those changes which deemed to fit to their pipe line, at their own cost.

15) The proposed pipeline is crossing the Burada Calva(Raju supply channel at Km. 0.900) at Km. 24.565 and Dabbalakalva at Km. 1.565 in Sreerangapatnam Village limits or Korukonda(M) which are most vulnerable points for crossing of Oil pipeline, henc3e the depth of pipeline should be provided at least 2.5 M below the bed of tank/scour depth of channel and it is requested to consider the above matter at higher level while according the permission this point of crossing to IOCL.

16) The IOCL has no right on the land, its only temporary lease.

4. The Chief Engineer, Godavari Delta System, Dowlaiswaram has recommended Government to accord necessary approval to M/s Indian Oil Corporation Ltd. (IOCL) for laying 16” dia 0.250” wall thickness Petroleum Product pipeline and 3.56” dia Optical fibre cable (OFC) across water bodies like tanks/nala/canal/drains as a part of Paradip to Hyderabad pipeline in East Godavari District for crossings locations mentioned as tables at para. 2(a) subject to the conditions mentioned under para (3).

5. Government, after careful examination of the matter, hereby accord permission to the M/s Indian Oil Corporation Ltd. (IOCL) for laying 16” dia 0.250” wall thickness Petroleum Product pipeline and 3.56” dia Optical fibre cable (OFC) across water bodies like tanks/nala/canal/drains as a part of Paradip to Hyderabad pipeline in East Godavari District for crossings locations mentioned as tables at para. 2(a) subject to the conditions mentioned under para (3).

6. The Engineer-in-Chief (Irrigation), Water Resources Department, Andhra Pradesh, Vijayawada and the Collector & District Magistrate of East Godavari district shall take necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

To
The Engineer-in-Chief (Irrigation), Water Resources Department,
Andhra Pradesh, Vijayawada.
The Collector & District Magistrate, East Godavari District.
The Chief Engineer, Godavari Delata System, Dowlaiswaram.

(PTO)

The M/s Indian Oil Corporation Ltd. (IOCL), Paradip-Hyderabad Pipeline project Limited, D.No.54-20-7/10, Plat.No.33, Kanakadurga Officers Colony, Gurunanak Colony Road, Vijayawada.

Copy to:
The Private Secretary to Hon'ble Minister for Water Resources.
The Private Secretary to Secretary to Government, Water Resources Department.
The Superintending Engineer, Godavari Delata System, Dowlaiswaram.
SF/SC

//FORWARDED::BY ORDER//

SECTION OFFICER.